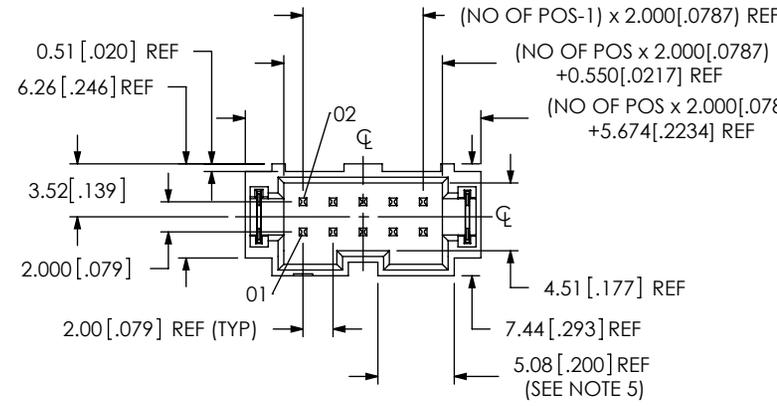


DO NOT  
SCALE FROM  
THIS PRINT



No OF POSITIONS  
 \*\*-.02, \*\*-.04, -.05, -.07, -.10, -.15,  
 -.20, -.25, & -.30 (PER ROW)  
 AVAILABLE AS STANDARD;  
 OTHER SIZES BETWEEN -.05  
 THRU -.50 AVAILABLE AS ASO

LEAD STYLE  
 -01

PLATING SPECIFICATION  
 -L: 15μ" SELECTIVE GOLD IN CONTACT  
 AREA, MATTE TIN ON TAIL  
 (USE T-1S13-XX-L-2)  
 -S: 30μ" SELECTIVE GOLD IN CONTACT  
 AREA, MATTE TIN ON TAIL  
 (USE T-1S13-XX-S-2)

ROW SPECIFICATION  
 -D: DOUBLE ROW

OPTION  
 -DS: DUAL SCREW DOWN (SEE FIG 6, SHT 3)  
 (FOR 1.57mm [.062] PCB)  
 (AVAILABLE 5-30 POSITIONS ONLY)  
 (NOT AVAILABLE WITH -RA, -WT OPTIONS)  
 (USE T-1S13-04-X-2 WITH TH OPTION  
 AND TI-M2-4-VFSM-T,  
 USE T-1S13-20-X-2 WITH SM OPTION  
 AND TI-M2-4-VFSM-T)  
 -K: POLYIMIDE FILM (-SM OPTION ONLY)  
 (USE K-500-300, SEE FIG 4)  
 (NOT AVAILABLE IN -.02 OR -.04 POSITIONS)  
 -TR: TAPE & REEL (-SM OPTION ONLY)  
 (NOT AVAILABLE IN -.02 OR -.04 POSITIONS)  
 -WT: WELD TAB : (USE WT-25-07-T);  
 (-SM, SEE FIG 3, SHT 2)  
 (-TH, SEE FIG 5, SHT 2)  
 -RA: (USE WT-81-01-T)

OPTION  
 -TH: THROUGH HOLE (SEE FIG 1)  
 -RA: RIGHT ANGLE (SEE FIG 2)  
 -SM: SURFACE MOUNT (SEE FIG 3, SHT 2)

\*\* = ONLY AVAILABLE WITH -SM-WT OR -RA-WT OPTIONS

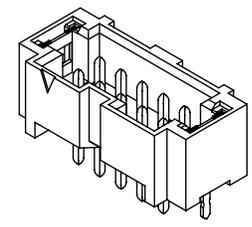
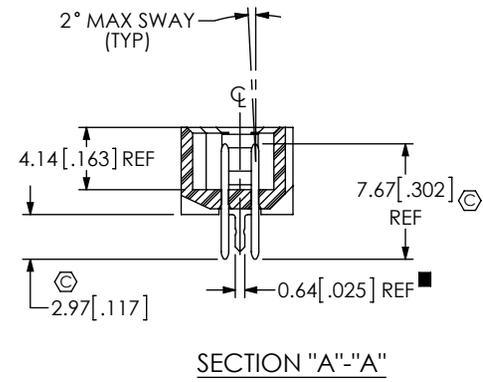
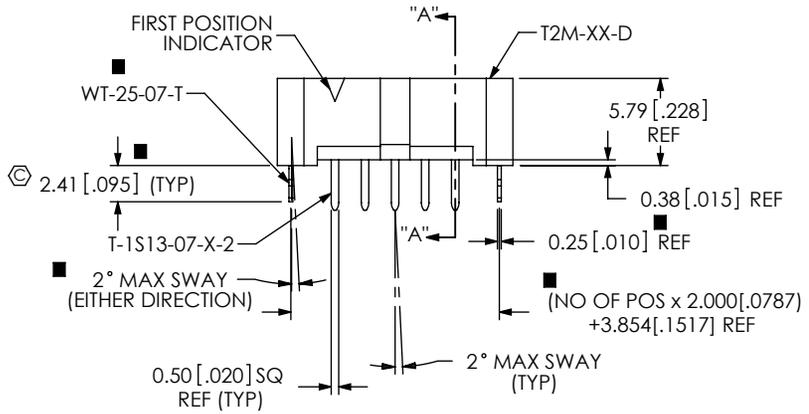


FIG 1  
 T2M-105-01-X-D-TH-XX  
 (■ = ONLY APPLICABLE WITH -WT OPTION)

- NOTES:
- ⊗ REPRESENTS A CRITICAL DIMENSION.
  - MINIMUM PUSHOUT FORCE: 4.44N [1.0 LB].
  - POST HEIGHT VARIATION BETWEEN ANY TWO PINS: 0.13 [.005] MAXIMUM.
  - MAXIMUM PIN ROTATION IN BODY TO BE 2°.
  - DUAL POLARIZATION SLOT NOT AVAILABLE ON CONNECTOR WITH LESS THAN 5 POSITIONS.

UNLESS OTHERWISE SPECIFIED,  
 DIMENSIONS ARE IN MILLIMETERS.  
 TOLERANCES ARE:  
 DECIMALS ANGLES  
 X.X: ±0.3 [.01] 2°  
 X.XX: ±0.13 [.005]  
 X.XXX: ±0.051 [.0020]

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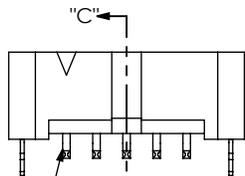
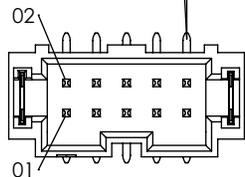
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 INSULATOR: LCP, COLOR: BLACK  
 TERMINAL: PHOS BRONZE  
 WELD TAB: PHOS BRONZE  
 KAPTON: POLYIMIDE FILM

DESCRIPTION:  
 2mm SHROUDED TERMINAL STRIP

DWG. NO.  
 T2M-1XX-XX-X-D-XX-XX

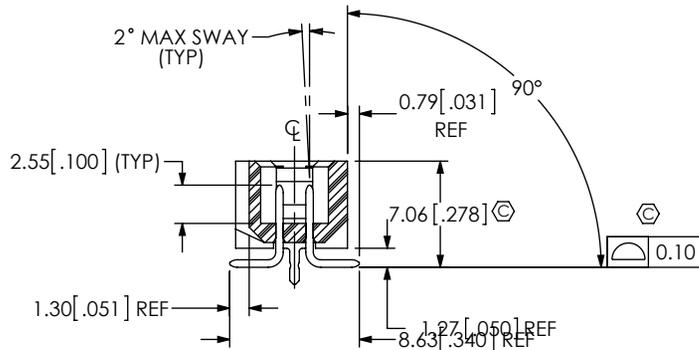
BY: J. BORGELT 3/23/09 SHEET 1 OF 3

2° MAX SWAY (TYP)

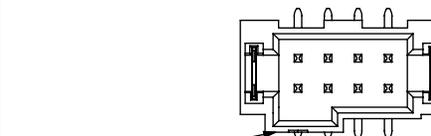


T-1S13-20-X-2 "C"

FIG 3  
T2M-105-01-X-D-SM-WT SHOWN  
(SAME AS FIG 1, EXCEPT AS SHOWN)



SECTION "C"-"C"



(SEE NOTE 5)

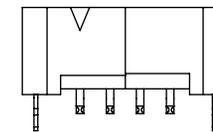
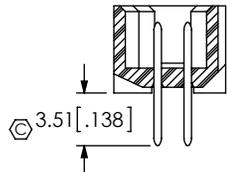
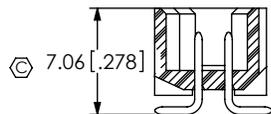


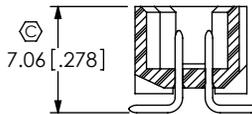
FIG 5  
T2M-104-01-X-D-SM-WT  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(T2M-102-01-X-D-SM-WT SIMILAR)



-SM IN PROCESS 1

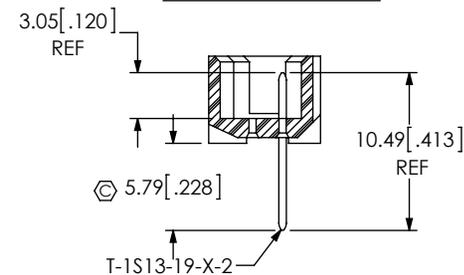


-SM IN PROCESS 2



-SM IN PROCESS 3

-RA IN PROCESS 1



-RA IN PROCESS 2

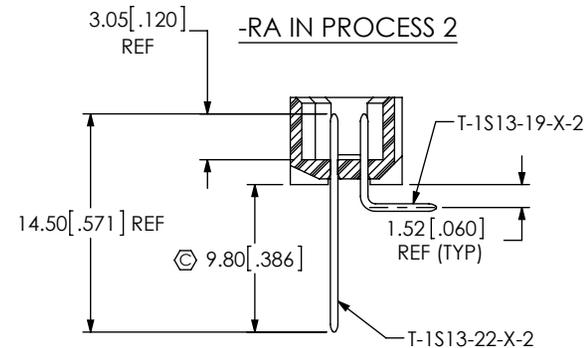
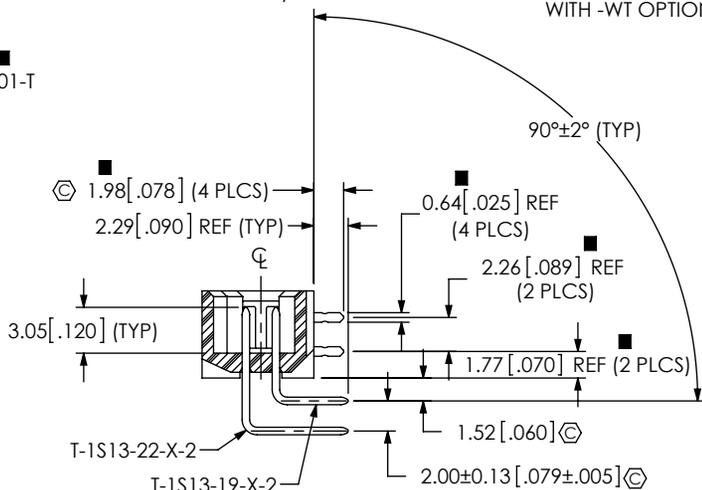
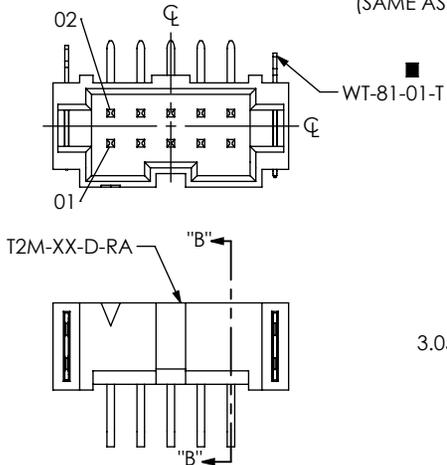


FIG 2  
T2M-105-01-X-D-RA-XX  
(SAME AS FIG 1, EXCEPT AS SHOWN)

■ = ONLY APPLICABLE WITH -WT OPTION



SECTION "B"-"B"

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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION: 2mm SHROUDED TERMINAL STRIP

DWG. NO. T2M-1XX-XX-X-D-XX-XX

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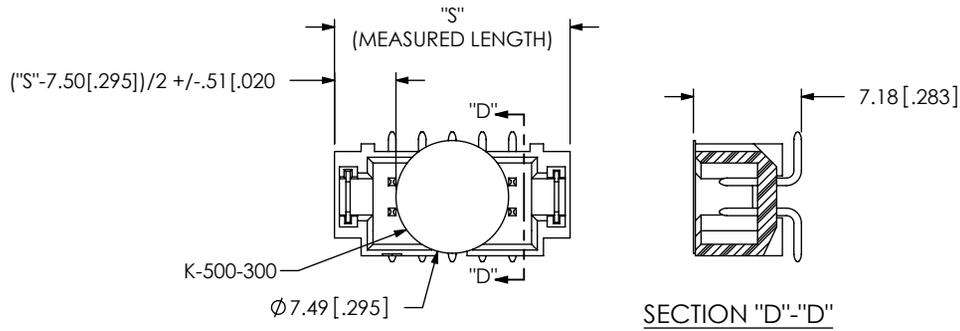
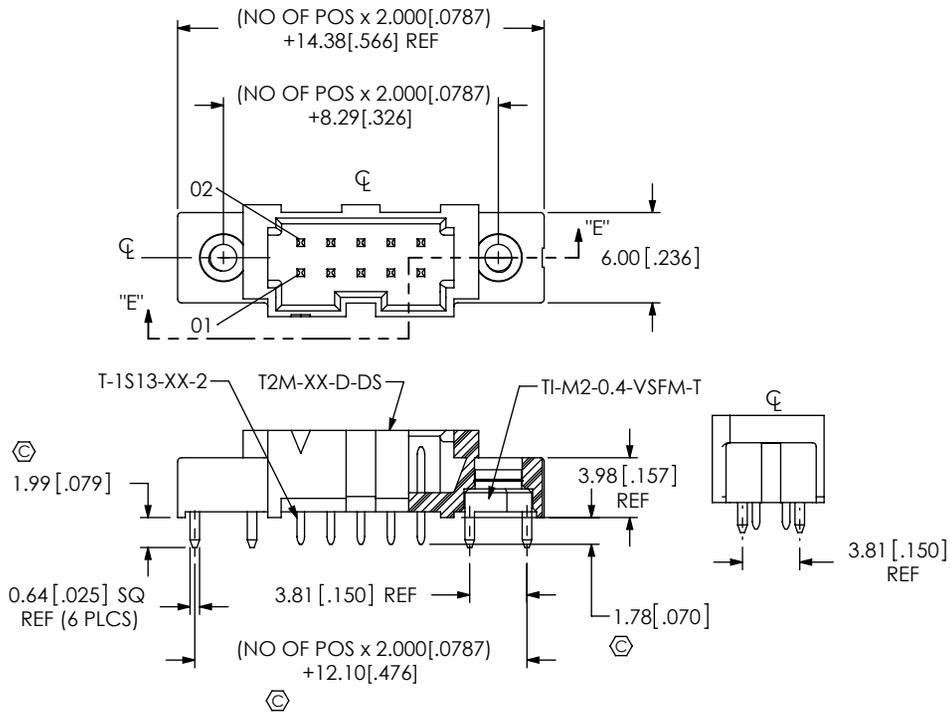
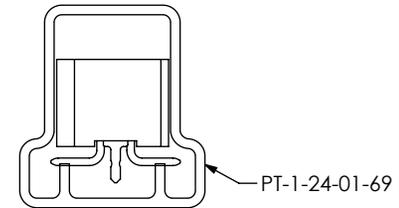
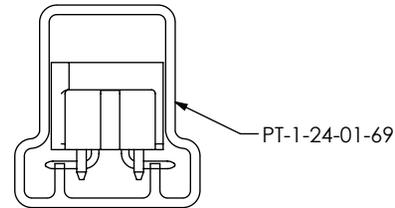
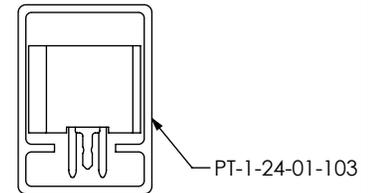
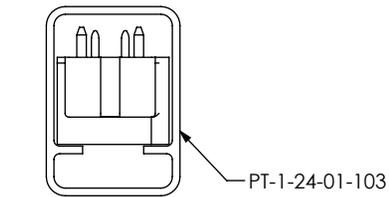
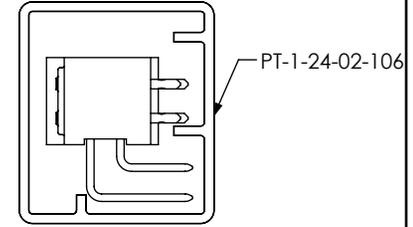


FIG 4  
T2M-105-01-X-D-SM-K SHOWN  
(FOR SURFACE MOUNT OPTION ONLY)

PACKAGING  
ALL PARTS ARE LOADED WITH POSITIONS 1  
TOWARDS ARROW



SECTION "E"-"E"

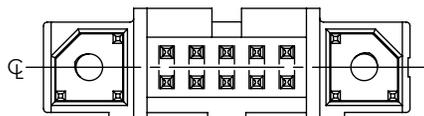


FIG 6  
T2M-105-01-X-D-DS SHOWN  
(SAME AS FIG 1, EXCEPT AS SHOWN)  
(ONLY AVAILABLE WITH -TH & -SM OPTION)

TABLE 1		
OPTIONS	PACKAGING TUBE	PLUG
-TH, -TH-WT	PT-1-24-01-103	TP-09
-SM, -SM-WT	PT-1-24-01-69	TP-09
-RA, -RA-WT	PT-1-24-02-106	TP-07
-TH-DS	PT-1-24-01-103	TP-09
-SM-DS	PT-1-24-01-69	TP-09

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